

FIG. 2A

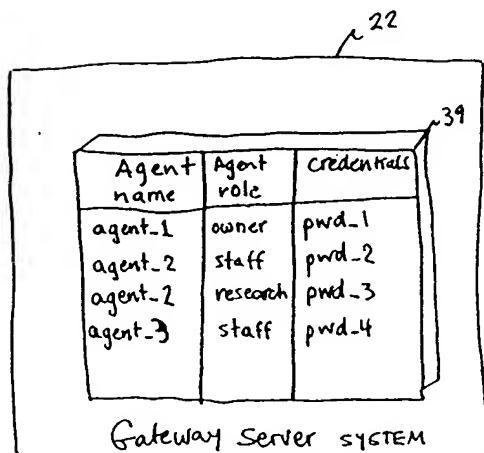


FIG 2B

Document Type Definition

<u><!-- Root Directory Structure --></u>	
<!ELEMENT Record-root (Owner, Header, Data)> <!ATTLIST Record-root name CDATA '/'>	~40
<!ELEMENT Record-object (Header, Data, Annotation*)> <!ATTLIST Record-object name CDATA #REQUIRED type CDATA #IMPLIED url CDATA #IMPLIED>	~44
<!ELEMENT Header (Author, Owner?, Creation-date, Privileges)>	~48
<!ELEMENT Author EMPTY> <!ATTLIST Author alias CDATA #REQUIRED>	~52
<!ELEMENT Owner EMPTY> <!ATTLIST Owner alias CDATA #REQUIRED>	~56
<!ELEMENT Creation-date EMPTY> <!ATTLIST Creation-date time CDATA #IMPLIED>	~60
<!ELEMENT Privileges (Privilege*)> <!ELEMENT Privilege EMPTY> <!ATTLIST Privilege role CDATA #REQUIRED read (t f) 'f' create (t f) 'f' modify (t f) 'f' delete (t f) 'f' annotate (t f) 'f' >	~64
<u><!-- the data section --></u>	
<!ELEMENT Data (Record-object*)> <!ATTLIST Data type CDATA 'text/xml' url CDATA #REQUIRED>	~68
<!ELEMENT Annotation (Ann-author, Ann-date, Ann-text)> <!ELEMENT Ann-author (#PCDATA)> <!ELEMENT Ann-date (#PCDATA)> <!ATTLIST Ann-date datestring CDATA #IMPLIED> <!ELEMENT Ann-text (#PCDATA)>	~72

FIG. 3

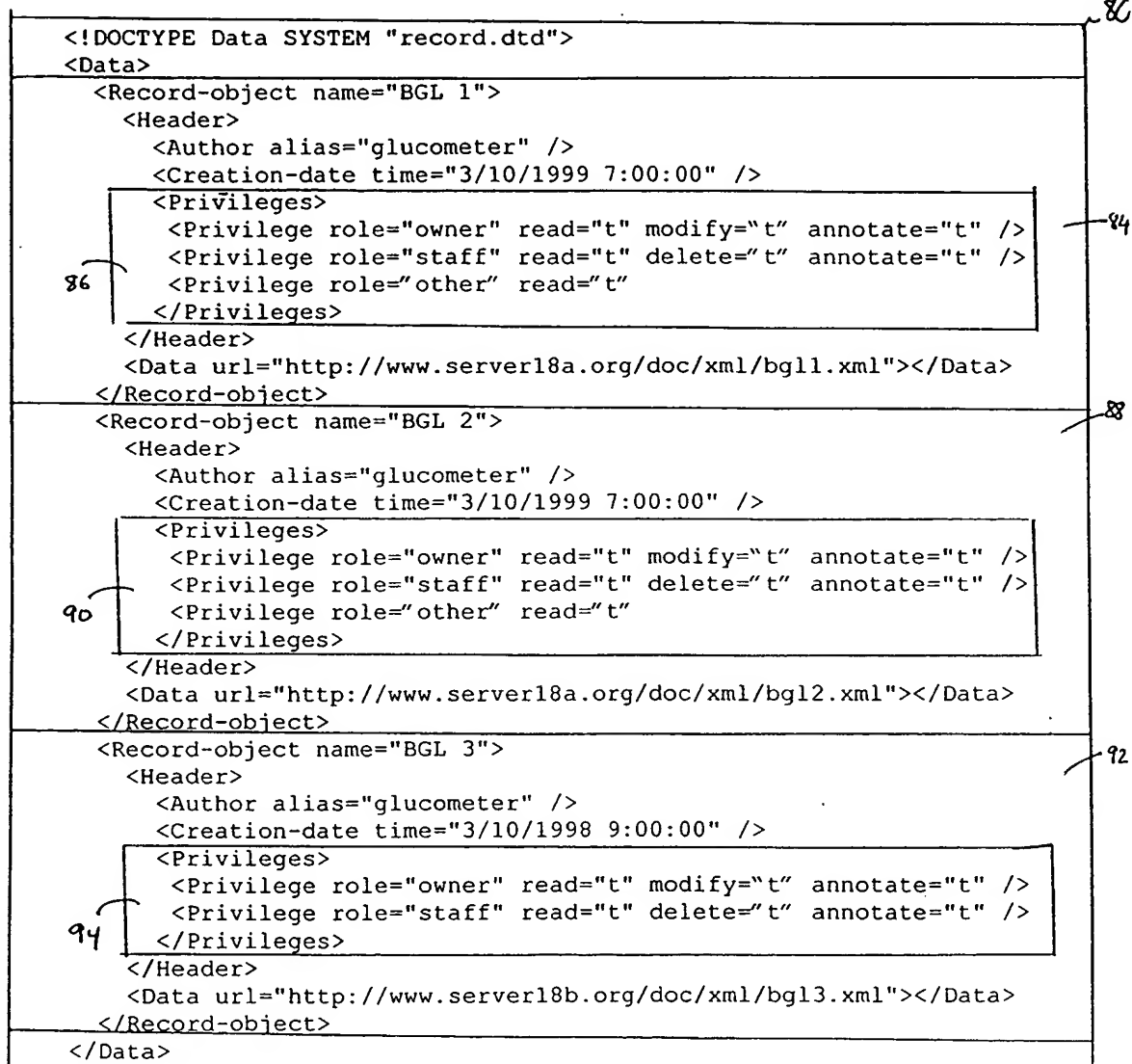


FIG. 4

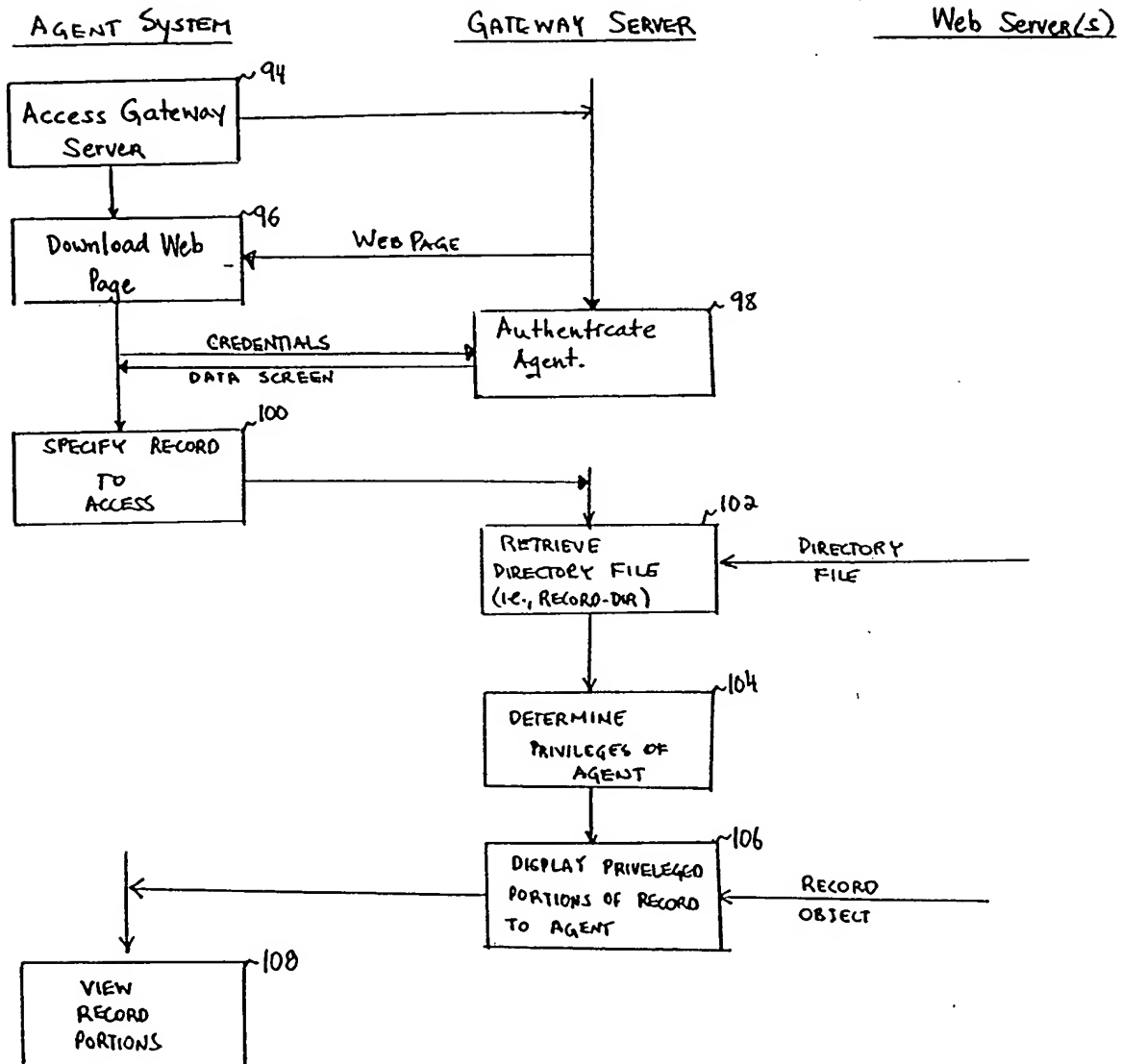


FIG. 5

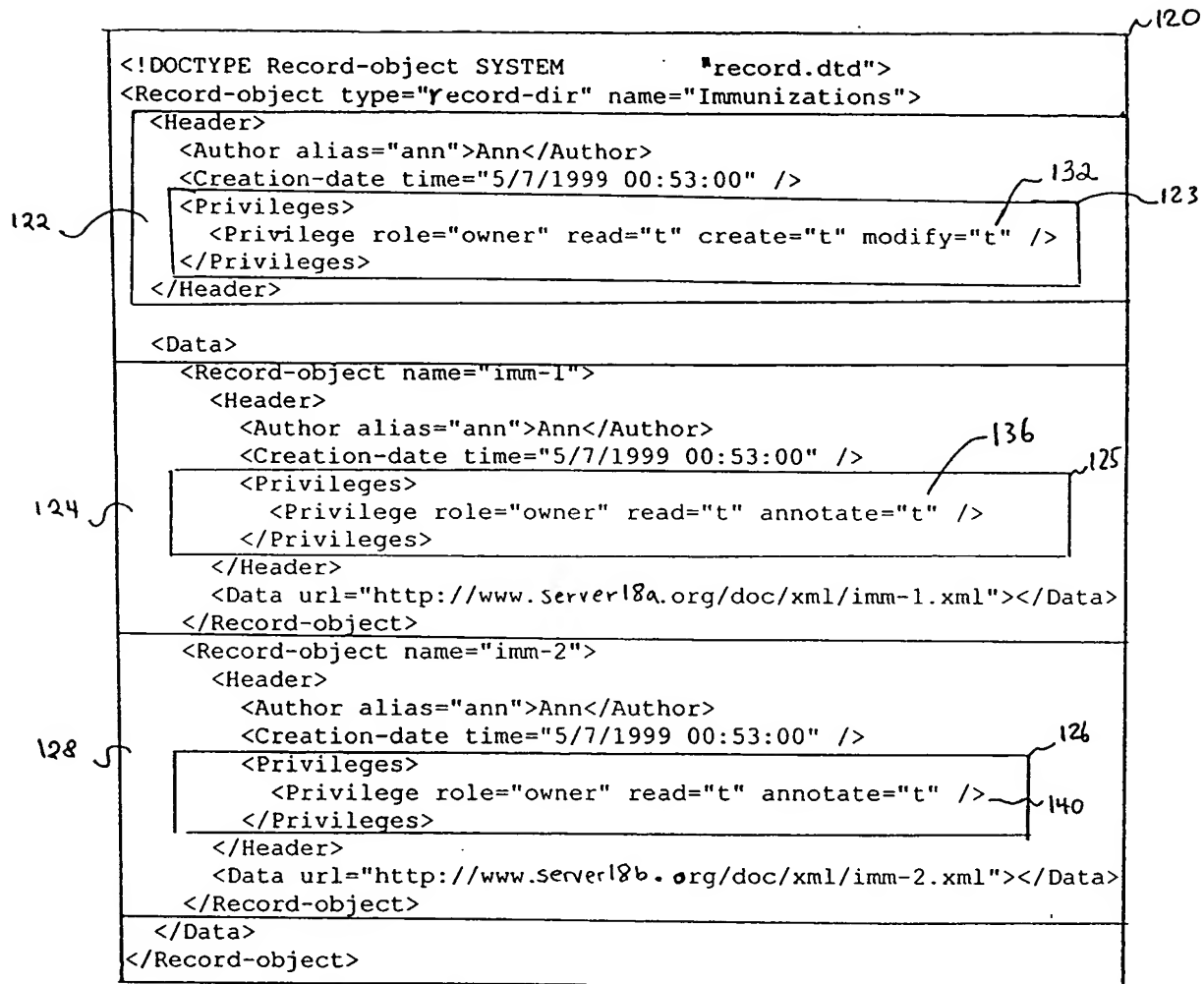


FIG. 6A

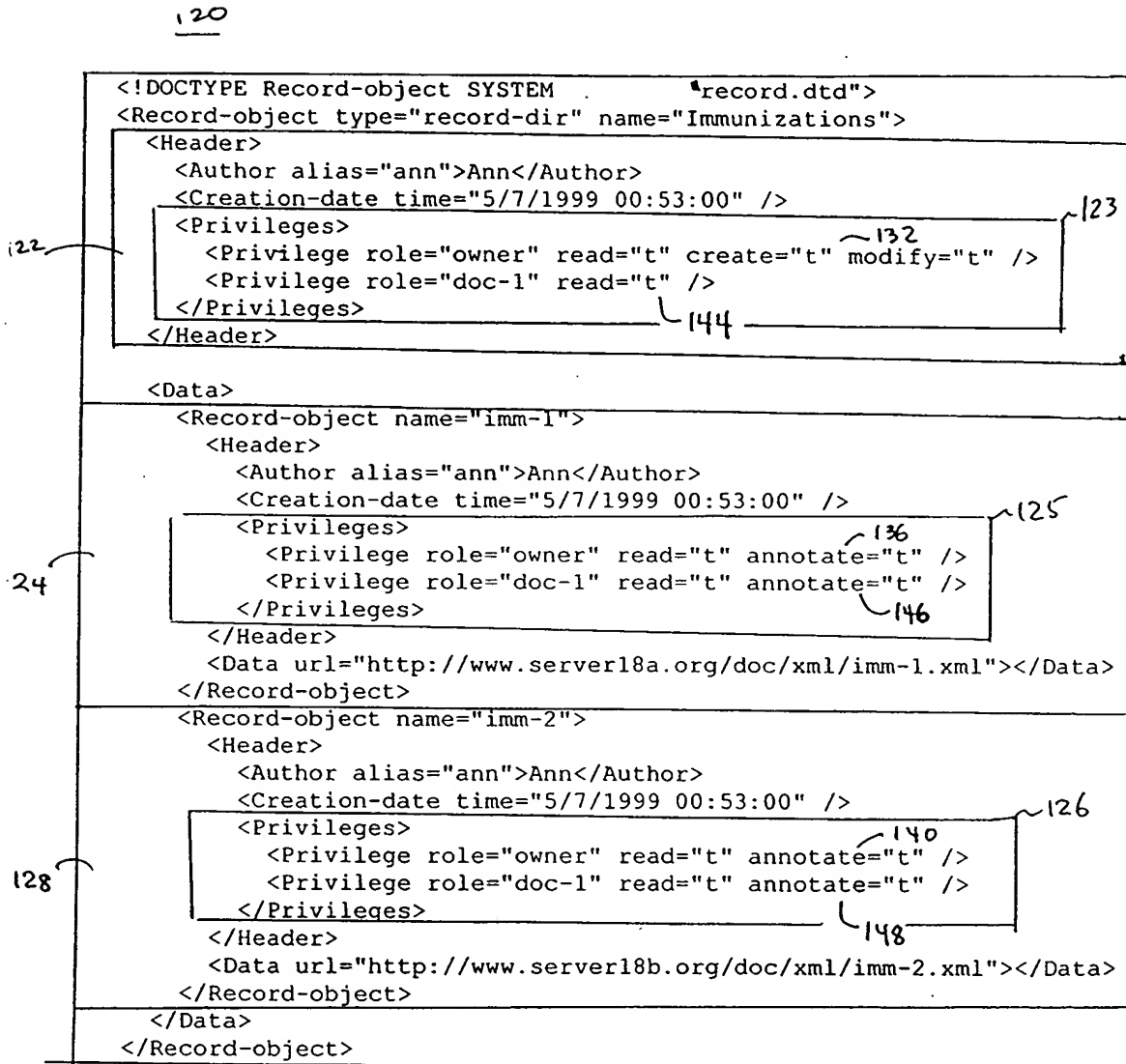


FIG. 6B